



Soil and Plant Testing Lab
Division of Plant Sciences
University of Missouri

Compost Analysis Report

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Date Received April 11, 2018
 Date Completed April. 19, 2018
 Lab No. C18021
 Sample Id. #3
 File Name WhiteA_C18021.docx

Tests	Units	Desired Range	Results	Interpretation		
				Low	Desired	High
pH		6.0 – 8.0	7.78		x	
E. C. - Saturation Paste	mmho/cm	< 4	2.32		x	
Nitrate-N (NO ₃ -N)*	ppm	40 – 99				
Ammonium-N (NH ₄ -N)*	ppm					
Moisture	%	< 50	49.4		x	
C/N Ratio		<25	22.9		x	
Total Nitrogen (N)	%				0.627	
	N lbs/Ton				12.5	
Total Phosphorus (P)	%				0.060	
	P ₂ O ₅ lbs/Ton				2.73	
Total Potassium (K)	%				0.196	
	K ₂ O lbs/Ton				4.38	
Total Calcium (Ca)	%				2.88	
Total Magnesium (Mg)	%				0.189	
Total Zinc (Zn)	ppm				33	
Total Iron (Fe)	ppm				4775	
Total Manganese (Mn)	ppm				206	
Total Copper (Cu)	ppm				11	
Total Carbon (C)	%				14.4	

*Interpretation for nitrate-N is for growing media only. If this material is to be used as soil amendment, the interpretation for nitrate-N is not applicable.